

CLAIMS:

1. A method of managing defective storage units on a record carrier, in particular on a rewritable optical record carrier, comprising the steps of:
 - storing first user data, which are or should be in storage in a first user storage unit (U1) denoted defective storage unit, in a first alternate storage unit (A1),
 - 5 - storing second user data, which are or should be in storage in second user storage units (U2-U5) located before and/or behind said first user storage unit (U1) denoted defective storage unit, in second alternate storage units (A2-A5), and
 - storing address entries of said first and second alternate storage units (A1-A5) in a defective storage unit list (DSL) to be used for accessing said first and second user data
 - 10 instead of address entries of said first and second user storage units (U1-U5).
2. A method as claimed in claim 1, wherein said first and second alternate storage units (A1-A5) are located in a defect area (SA2).
- 15 3. A method as claimed in claim 1, wherein said storage unit is a sector or a storage block, in particular an ECC block.
4. A method as claimed in claim 1, wherein second user data, which are or should be in storage in second user storage units (U2-U5) located before and/or behind said
- 20 first user storage unit (U1) denoted defective storage unit, are stored in second alternate storage units (A2-A5).
5. A method as claimed in claim 1, wherein said second alternate storage units (A2-A5) are located before and/or behind said first alternate storage unit (A1).
- 25 6. A device for managing defective storage units on a record carrier, in particular on a rewritable optical record carrier, comprising:
 - data storage means for storing first user data, which are or should be in storage in a first user storage unit (U1) denoted defective storage unit, in a first alternate storage unit (A1)

and for storing second user data, which are or should be in storage in second user storage units (U2-U5) located before and/or behind said first user storage unit (U1) denoted defective storage unit, in second alternate storage units (A2-A5), and

- 5 - address storage means for storing address entries of said first and second alternate storage units (A1-A5) in a defective storage unit list (DSL) to be used for accessing said first and second user data instead of address entries of said first and second user storage units (U1-U5).

7. Recording apparatus for recording data on a record carrier, in particular on a
10 rewritable optical record carrier, comprising a device for managing defective storage units as claimed in claim 6.

8. A record carrier, in particular a rewritable optical record carrier, comprising:
- 15 - a first alternate storage unit (A1) for storing first user data, which are to be stored in a first user storage unit (U1) denoted defective storage unit,
- second alternate storage units (A2-A5) for storing second user data, which are to be stored in second user storage units (U2-U5) located before and/or behind said first user storage unit (U1) denoted defective storage unit, and
- 20 - a defective storage unit list (DSL) for storing address entries of said first and second alternate storage units (A1-A5), which defective storage unit list (DSL) is to be used for accessing said first and second user data instead of address entries of said first and second user storage units (U1-U5).

9. Computer program comprising computer program means for causing a
25 computer to perform the steps of the method as claimed in claim 1 when said computer program is run on a computer.